						SUCE	<u>T 1 OF </u>			
				ATTORNEY'S DKT NO. 033072-007		APPLICATION NO. 09/772,664				
INFORMATION DISCLOSURE			JSURE	APPLICANT Barak et al.						
(MAY 0 1 2001 20 TO-1449				FILING DATE January 30, 2001	GROUP. 2625					
PATE .	PAOEUAN		S. PATENT DO	OCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME		CLASS	SUBCLASS	FILING DAT			
/JT/	5,284,746	2/8/94	Sledziewski,	-	435	6	2/8/90			
	5,468,854	11/21/95	McCabe, et a	1.	540	498	7/22/9			
	5,482,835	1/9/96	King, et al.		435	6	6/3/93			
	5,491,084	2/13/96	Chalfie, et al.		435	189	9/10/9			
	5,532,157	7/2/96	Fink		435	240.2	1/3/94			
	5,576,436	11/19/96	McCabe, et a	ıl.	546	156	3/2/94			
W	5,366,889	11/1994	MacDonald,	et al.	435	252.3	11/30/9			
/JT/	5,989,835	11/23/99	Dunlay, et al.		506	10	2/27/9			
EXAMINER'S INITIALS	PATENT NO.	DATE	сс	OUNTRY	CLASS	SUBCLASS	Translation Yes No			
	WO947 16684	<i>७७४७</i>	PCT							
	WO98/12310		PCT			<u> </u>				
	-	UMENTS (In	cluding Author	, Title, Date, Perti	nent Pag	es, Etc.)				
	OTHER DOC		Barak, L., et al., Internal Trafficking and Surface Mobility of a Funtionally Intact β ₂ -							
	Barak, L., et al.	., Internal Tr								
	Barak, L., et al	., Internal Tr		Surface Mobility of rotein Sonjugata,						
	Barak, L., et al Adrenergic Red (1997). Barak, L., et al	., Internal Tr cptor Green ., The Conse	- Fluorescent Pl erved Seven-Tr	ansmembrane Sec	Mele Phe quence N	P(X) _{2.3} Y of t	the G-			
	Barak, L., et al Adrenergic Red (1997). Barak, L., et al	., Internal Tr cptor Green ., The Conse o Neceptor S	Franciscent Programmerved Seven-Tr	ansmembrane Sec	Mele Phe quence N	P(X) _{2.3} Y of t	the G-			
	Barak, L., et al Adrenergic Rec (1997). Barak, L., et al Protem-Coapier Receptor, Biocl	., Internal Tr reptor Green ., The Conse or Receptor S hem.341540	Franciscent Properties of the	otoin Sonjugoto, ansmembrane Sec galotes-Maltiplo P 95).	Mele Phe quence N	<u></u> 53:177. P(X) _{2.3} Y of 1	184_ the G- kooorgio			
	Barak, L., et al Aurenergic Nec (1997). Barak, L., et al Protein-Couple Receptor, Bioc Barak, L, et al. Required for As	., Internal Tr ceptor Green ., The Conse or Neceptor S hem.341540 , A Highly Co	erved Seven-Tr Saperfamily Res 07-15414 (195 onserved Tyros	ansmembrane Sec	Mele Phe quence N reporties Protein-c	FIXI _{2.3} Y of the B ₂ Ado	the G- leanaraic			
	Barak, L., et al Aurenergic Rec (1997). Barak, L., et al Protem-Coapier Receptor, Biocl Barak, L, et al. Required for At 42790-2795 (1	., Internal Tr ceptor Green ., The Conse of Receptor S hem.341540 , A Highly Construedia 1994).	Friancescent Processor Pr	ansmembrane Sec galaces Maktiple P. 95). sine Residue in G . gic Receptor, J. c	Mole Pho quence M reportise Protein-co	F1:177. P(X) _{2.3} Y of a state β ₂ Λσ oupled Receptant Chem. 20	the G- leonegic otors is			
	Barak, L., et al. Aurenergic free (1997). Barak, L., et al. Protem-Coapier Receptor, Biocl Barak, L, et al. Required for Ag 42790-2795 (1) Ferouson S. et	., Internal Tr The Conse The Conse Theceptor S hem.341540 , A Highly Const-media 1994).	Friancescent Ω erved Seven-Tr Gaperfamily Ωe, D7-15414 (195 onserved Tyros sted β ₂ -Adrener f Phosphorylat	ansmembrane Sec galaces Makiple P 95). sine Residue in G	Mele Phe quence N reporties Protein-c Ω Biologic	F1.177. P(X) _{2.3} Y of the β Advancesion	the G- leonegic otors is			
	Barak, L., et al Aurenergic Nec (1997). Barak, L., et al Protein-Couplet Receptor, Bioci Barak, L, et al. Required for Ag 42790-2795 (Ferguson S. e. Sequestration, Ferguson, S. e.	., Internal Treepior Green ., The Conse of Neceptor S hem.341540 , A Highly Co gonist-media 1994). et al Role of The J. Of B et al Role of	erved Seven-Trisoperremity Reportemity Reportemity Reportemity Reported Tyrosoted Tyrosoted β₂-Adreneit Phosphocylat iological Chemit β-Arrestin in	ansmembrane Sec gulares Multiple 2: 95). sine Residue in G gic Receptor, J. d ion in Agonist oro . 270, No. 42:24	Mole Pho quence N reperties Protein-co η Βιοιοσια moted β ₂ 782-2478	P(X) _{2.3} Y of the β ₂ Advances in Chem. 20 Advances in Chem. 20 39 (1995).	the G- kenargic otors is 09, No.			
	Barak, L., et al Aurenergic med (1997). Barak, L., et al Protem-Coupled Receptor, Biocl Barak, L, et al. Required for Ag 42790-2795 (Ferguson S. e. Sequestration, Ferguson, S., e. Receptor Intern	., Internal Trace of Receptor Schem. 341540, A Highly Const-media 1994). at al Role of The J. Of Bit al Role of Receptor Schem.	erved Seven-Tresper framily Reportantily Reportantily Reported Tyrosted Tyrosted β ₂ -Adrened framily Reportantile framily Reportantil	ansmembrane Section of the Section o	Mole Pho quence N. Protein-c O' Biologia moted B 782-2478	P(X) _{2.3} Y of a state β. According Advances in a state β. According 1995).	the G- lucaraic otors is 059, NO.			
	Barak, L., et al Aurenergic Nec (1997). Barak, L., et al Protein-Couple Receptor, Biocl Barak, L, et al. Required for Ag 42790-2795 (Ferouson, S., e Sequestration, Ferouson, S., e Receptor Interr Lohse, M., et al.	., Internal Trace of Green States and States	erved Seven-Transperfamily Reportantily Reportantily Reportantily Reportantily Reportantile β ₂ -Adrened for Phospharylatiological Chemic for β-Arrestin in the cience 271:36: at Protein The	ansmembrane Sec gulares Multiple 2: 95). sine Residue in G gic Receptor, J. d ion in Agonist oro . 270, No. 42:24	Mole Pho quence N. Protein-c O' Biologia moted B 782-2478	P(X) _{2.3} Y of a state β. According Advances in a state β. According 1995).	the G- lucaraic otors is 059, NO.			
	Barak, L., et al Aurenergic Nec (1997). Barak, L., et al Protein-Couple Receptor, Biocl Barak, L, et al. Required for Ag 42790-2795 (Ferouson S. e. Sequestration, Ferouson, S., et al. Receptor Interr Lohse, M., et al. Science 248:1 Mènard, L., et	., Internal Trace of Neceptor States of Neceptor	erved Seven-Tri corper family Reported 1990 onserved Tyrosited β ₂ -Adrened f Phospharylatiological Cheminal of β-Arrestin in the cience 271:365 n: A Protein Tri 1990).	ansmembrane Segulates Markiple 2. 25). Sine Residue in G of the segulates of the segulates of the segulates of the segulates β-Δα	Protein-competed B2-2478 4-Promote Promote Pro	P(X) _{2.3} Y of a state of the R ₂ Advances io 39 (1995). Recentor Fursiers Se Family The	the G- leaning ic ptors is psy, No. Coupled			
	Barak, L., et al Aurenergic med (1997). Barak, L., et al Protem-Coupled Receptor, Biocl Barak, L, et al. Required for Ag 42790-2795 (Ferguson S. e. Sequestration, Ferguson, S., e. Receptor Interr Lohse, M., et al Science 248:1 Mènard, L., et Phosphocylate	., Internal Trace of Neceptor States of Neceptor	erved Seven-Tri corper family Reported 1990 onserved Tyrosited β ₂ -Adrened f Phospharylatiological Cheminal of β-Arrestin in the cience 271:365 n: A Protein Tri 1990).	ansmembrane Section of the section o	Protein-competed B2-2478 4-Promote Promote Pro	P(X) _{2.3} Y of a state of the R ₂ Advances io 39 (1995). Recentor Fursiers Se Family The	the G- leaning in the State of			
	Barak, L., et al Aurenergic Nec (1997). Barak, L., et al Protein-Couple Receptor, Biocl Barak, L, et al. Required for Ag 42790-2795 (Ferouson, S., et Sequestration, Ferouson, S., et Receptor Interr Lohse, M., et al Science 248:1 Mènard, L., et Phosphocyleta (1996).	., Internal Triceptor Green ., The Conservation 341540 , A Highly Construedia 1994). At al. Role of The J. Of Birth al., Members al., Mem	erved Seven-Transity Reportamily Reportamily Reportamily Reported Tyrosted β ₂ -Adrened foliogical Chemical Ch	ansmembrane Segulates Markiple 2. 25). Sine Residue in G of the segulates of the segulates of the segulates of the segulates β-Δα	Protein-con Biologic Meleo Phe Protein-con Biologic Material Material Meleo Phe Protein-con Material Meleo Phe Protein-con Protein-con	P(X) _{2.3} Y of a state of P Advances on S 1.177. Advances on S 1.179. Becentar Furious of Family The community S 5.	the G- lucosusic otors is 19, No: Coupled onction			

11	PTO-1449	ATTORNEY'S DKT No. 0330	72-007	SHEET 2 OF 2			
	Cubitt. A., et al., Understanding, Improving and Using Green Fluorescent Proteins, Trends in Biochemical Sciences, 448-455 (1995).						
	Harris, E., et al, <i>Protein Purification Methods</i> . Oxford University Press, New York, 12-18, (1990).						
	Yokoe. Spatial Dynamics of GFP-tagged proteins investigated by local fluorescence enhancement, Nature Biotechnology, 14:1252 (October 1996).						
	Barak, et al., Abstract #2484, Molecular Biology of the Cell, 7:427a (December 1996).						
	Attramadal, et al., β. Arrostin2, a Novel Member of the Arrestin/β Arrestin Gene Family*, The Journal of Biological Chemistry, 267:25 17882-17890 (1992).						
	Barak, et al., A β-Arrestin/Green Fluorescent Protein Biosensor for Detecting G Protein- coupled Receptor Activation*, The Journal of Biological Chemistry, 272:44 27497-27500 (1997).						
	Ferguson, et al., Molecular Mechanisms of G Protein-Coupled Receptor Desensitization and Resensitization, Life Sciences, 62:17/18 1561-1565 (1998).						
EXAMINER	l /James Thomp	son/	DATE CONSIDERED	11/21/2007			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

